First & part bill

Est cost - 1000.00 Lakhs

Work order NO :- BBMP/EE/YNK.D/EPMT-08/W.O/118/2021-22 Date - 17/02/2022

Sob Code - 003-22-000013

M. A. R. 57 (Rule 116)

Measurement Book

No. E 495248

Serial No.

Name of work Restoration and Improvements of Balance roads of Brundhavana Layout, Balaji Layout, BHEL 1st Phase & 2nd Phase Layout, Lakshmaiareddy layout, Naidu layout, Jyothinagar 2nd & 3rd phase, Ramana Gardens and surrounding areas in Ward No 203 of Yelahanka New Town

From

To

Sub Division (Package - 07)

Date	Full description, etc. of work	Number	Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
	(1) Earthwork Excavation by manual means for roads drains & similar works in ordinary soil Excavated Surface levelled and sides neatly dressed. The Disposed Earth to be levelled neatly after Breaking of Clods complete as per specification						
	Quantity vide EMB - 490343					1066073.92	
	@ Rs 217.43						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	(2) Providing laying in Position PCC 1:4:8 with OPC @ 180 kgs with 40mm and Down Side graded granite metal Coarse aggregates @ 0.855 cum and fine aggregates @ 0.57 cum Packing Tipped. Concrete laid in layers not Exceeding 15cms thick. well Compacted						
	Quantity vide EMB :-					803.03m³	
	@ Rs 5675.99						4557950/-
	(12) providing TMT Bars Fe 500 Steel Reinforcement for RCC work including Straightning, Cutting, bending hoasing Placing in position Lapping & / welding Wherever Required, tieing with binding wire and						

Serial No. .....
Name of work .....
Name of Contractor of n
Date of commencement

Date	Full descript
1	2
	Anchorin Compe
(4)	Provid for Sla OPC at

M. A. R. 57 (Rule 116)
Measurement Book

No. E 495249

Serial No. ..... From ..... To .....

Name of work .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Number	Dimensions: Length	Dimensions: Breadth	Dimensions: Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
	Anchoring to the adjoining members 2 Nos per netwary Complete as per Design quantity vide EMB :: 68.55 tonne @ Rs 8094807						5548875.66
(4)	Providing and laying plain Reinforcement Cement Concrete for sidedrains using M20 nominal mix Concrete with OPC at 300 kgs/ with 20mm & down Size granite metal coarse aggregates at 0.69 cum fine aggregates						

M. A. R. 57 (Rule 116) No. E
Measurement Book
495250

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	of machinery, loading, unloading, lead Lift, Transporting etc Complete						
	Quantity vide EMB				3528.46 Sqm		
					@ Rs 1941.22		6849517.12
(b)	Removing and Refixing Stone Slabs or chains in Pointing in CM (1:3)						
	Quantity vide EMB				447.84 Sqm		50343.04
					@ Rs 112.41		

M. A. R. 57 (Rule 116) No. E
Measurement Book

495251

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Number	Dimensions Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
	Surfaces on Both sides etc, Complete as per Drawing & The Directions of Engineer in charge.						
	Quantity vide EMB					50.40 Cum	
	@Rs 4530.86						228355.34
(8)	Excavation for roadwork in Soil with hydraulic Excavator of 0.9 Cum Bucket capacity including Cutting & loading in tippers. trimming Dash Button and						

Reference to last measurement 8

...me Slab

...0073.35

...s of 1:1.5:3 ...size ...ers

M. A. R. 57 (Rule 116) No. E 495252
Measurement Book

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Number	Dimensions: Length	Dimensions: Breadth	Dimensions: Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
	machinery, Complete as per specifications. Quantity vide EMB 9222.22 Sqm @ Rs 6.42					59239.85	
(11)	Construction of granular sub base Grading-V as Sub base & drainage layer by providing Coarse graded crushed stone aggregates of granite/ trap/Basalt Material Dixing in a Mechanical mix plant at one. Carriage of mixed Material						

M. A. R. 57 (Rule 116) No. E
Measurement Book
495253

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency .....
Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	mix plant carriage of mixed Material by tippers to site. laying in uniform layers with pavers in Sub base / base Course on well prepared Surface and Compacting with vibratory roller to achieve the desired density Complete as per specification.						
	Quantity vide EMB				1831.29	m^3	
	@ Rs				2021.29		3701581.38

M. A. R. 57 (Rule 116) No. E
Measurement Book
495255

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions			Contents	Reference to last Measurement
		Number	Length	Breadth / Depth		
1	2	3	4	5 / 6	7	8
	Per specification Quantity vide CMB @Rs 12-85				7890.49 sqm	101370.64
(15)	providing & Laying Bituminous Concrete using Crushed aggregates of specified grading. pre mixed with Bituminous binder and after transporting the hot mix to work site. Laying with paver finisher to the required grade, level and alignment. Rolling					

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	with Smooth Wheeled vibratory and tandem Roller to achieve the desired Compaction in all respects. Complete as per Specification. Clause 507 of MORTH V Revision using 40 to TPH capacity HMP with Mechanical Paver Grade-II (30mm to 50mm) with 5.4% VG-30 Bitumen						
	Quantity vide EMB					315.62 m^3	2693755.7
	@ Rs					8534.82	

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪವಿಭಾಗ ಬೆಂಗಳೂರು.

Serial No. .....
Name of work .....
Name of Contractor of
Date of commenceme

Date	Full descr
1	

Reference to last Measurement 8
m Rolley
s. Complet
40 /00
Grade-II
umen
93755.7

M. A. R. 57 (Rule 116) No. E 495256

Measurement Book

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Number	Dimensions			Contents	Reference to last Measurement
			Length	Breadth	Depth		
1	2	3	4	5	6	7	8
					Sub-total Amount Rs		4,21,91,203.83
					GST @ 12% Rs		5,06,294 4.46
					Grand-total Amount Rs		47254148.29

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರ
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ
ಬಿ.ಡಿ.ಎ. ಬೆಂಗಳೂರು-106

12/04/2022

AE
12/04/2022

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	CERTIFICATE :-						
	(1) Certified That the above work is Satisfactory						
	(2) All the Debris have been Cleared from the Work Spot.						
	Ramaiah ... AE						

Serial No. ....
Name of work ....
Name of Contractor of natur
Date of commencement of w

Date	Full description,
1	
	G. Ramaiah Cagent

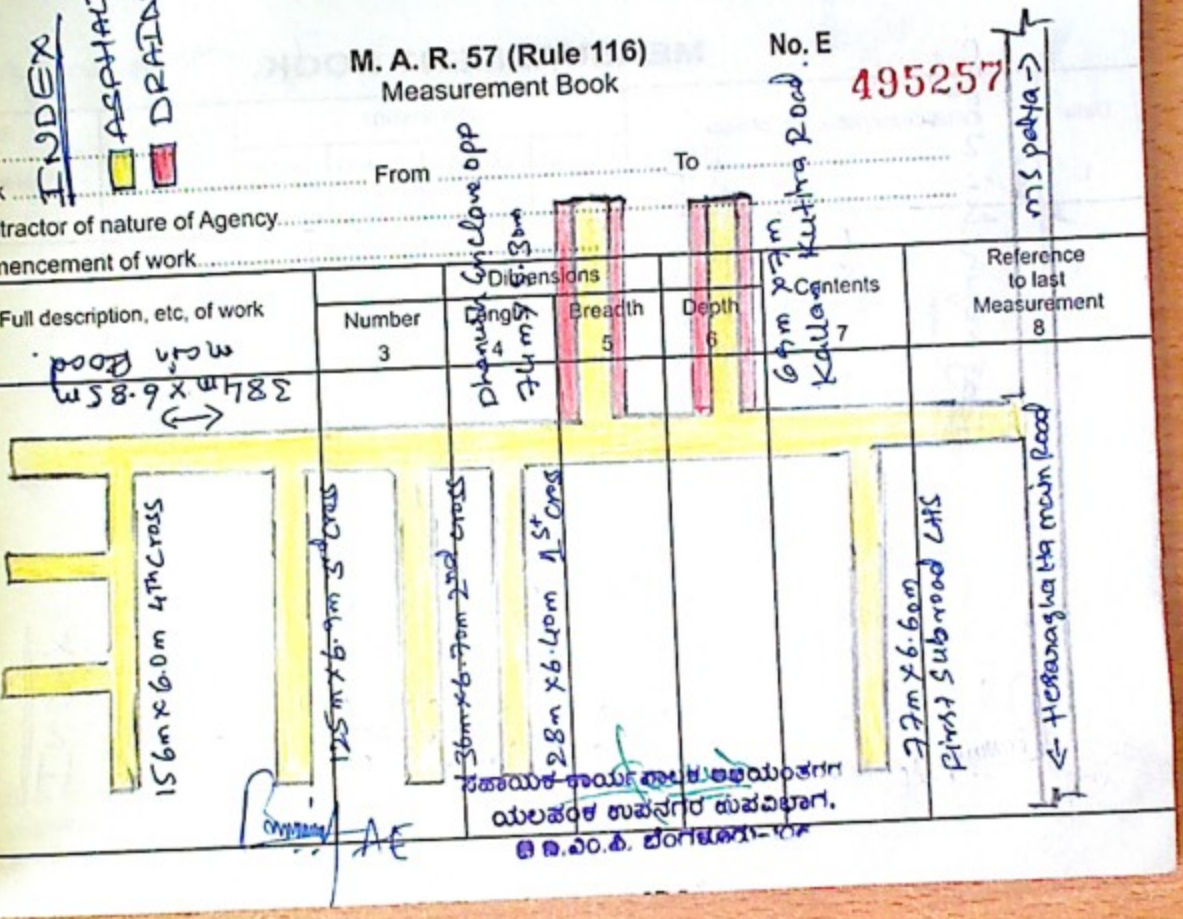
M. A. R. 57 (Rule 116)
Measurement Book

No. E 495257

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Number	Dimensions Length	Breadth	Depth	Contents	Reference to last Measurement
1		3	4	5	6	7	8

INDEX
ASPHALT
DRAIN



ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-64

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Rajivgandhi nagar.						
	ms palya →						
	mosku temple thome choulty						
	1st cross Road						
	Rajivgandhi Nagar Main Road						
	Hosanagaththa main Road ←						
						INDEX	
						CULVERT	

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ.
ಜಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

Sai nagar

Serial No.
Name of work
Name of Contractor of natur
Date of commencement of w

Date	Full description
1	2
	Main Road

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅ
ಯಲಹಂಕ ಉಪನಗರ ಉ
ಜಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು

Reference to last Measurement
8

INDEX

CULVERT

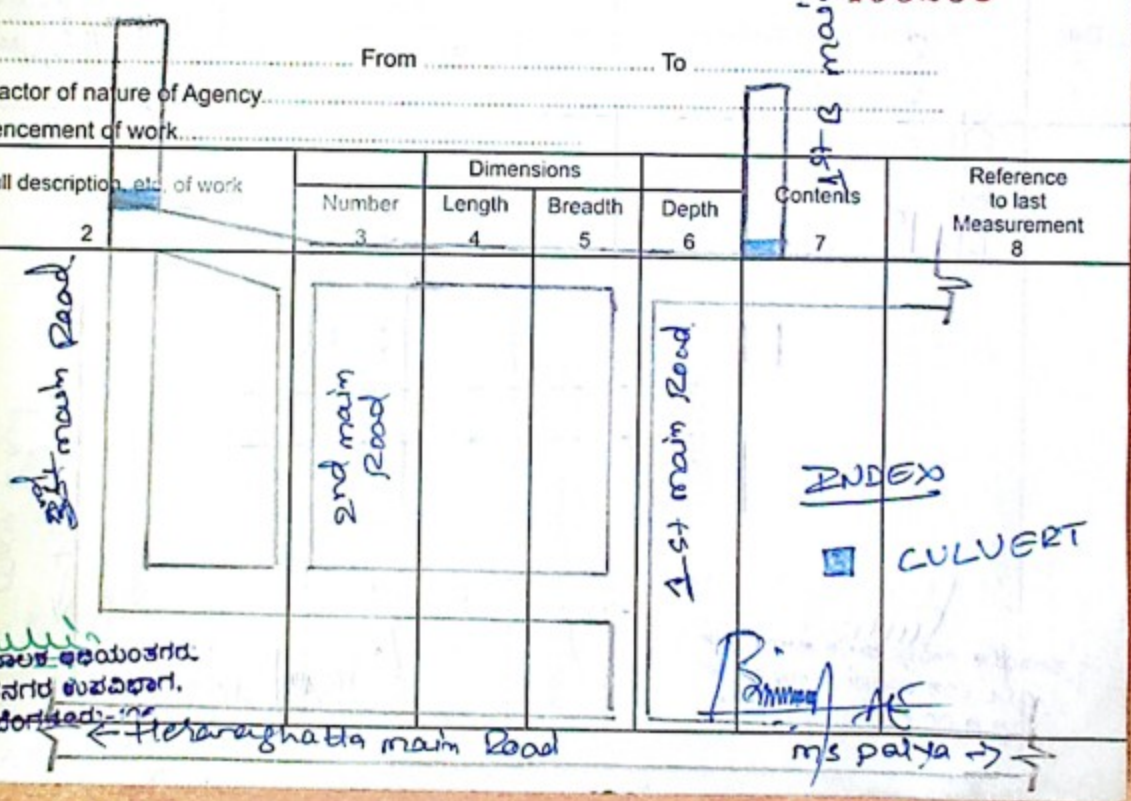
Sai nagara phase-I

M. A. R. 57 (Rule 116)
Measurement Book

No. B 495258

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8



ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-೯೯

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	INDEX DRAIN						
	TVT						
	Lakshmi Enclave apartment		55.00m Cross Road.			← Hesaraghatta main Road	

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ.
ಬಿ.ಬಿ.ಎಂ.ಪಿ, ಬೆಂಗಳೂರು-106

Serial No. .....
Name of work .....
Name of Contractor of na
Date of commencement

Date	Full description
1	2
	INDEX CULVERT DRAIN

ಸಹಾಯಕ ಕಾಯ
ಯಲಹಂಕ ಉ
ಬಿ.ಬಿ.ಎಂ.ಪಿ

Reference to last Measurement 8

main Road

M. A. R. 57 (Rule 116) No. E 495259

Measurement Book

Serial No. ..... From ..... To .....

Name of work .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc. of work 2	Number 3	Dimensions Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	24.5 m x 9 m 1st cross Road 55 m x 9 m 32.5 m x 9 m 3rd main Road INDEX CULVERT DRAIN ಸರಕಾರಿ ಕಾರ್ಯಾಲಯಗಳು ಅಧಿಕಾರಿಗಳ ವಸತಿ ಗೃಹಗಳ ಸಮುಚ್ಚಯ ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ. ಕ.ಜ.ಮಂ.ಕ. ಬೆಂಗಳೂರು-24 AE						Yelahanka Old main Road

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	← Layout Road						
	6th cross						
	5th cross						
	4th cross						
	3rd cross						
	2nd cross						
	1st cross						
	INDEX						
	DRAIN						
	68m						
	48m						
	width						
	wall						
	1.25 m						
	wall						
	← Subhash chandra Bose Road.						
	← Vadeniahalli main Road						

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ.
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

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DRAIN

Serial No.
Name of work
Name of Contractor of nature of Age
Date of commencement of work

Date	Full description, etc, of wo
1	2
	← BYALAKERE ROAD
	1st cross
	2nd Cross
	20m
	48m

M. A. R. 57 (Rule 116)
Measurement Book

No. E 495260

BRIDGE DRAIN CULVERT

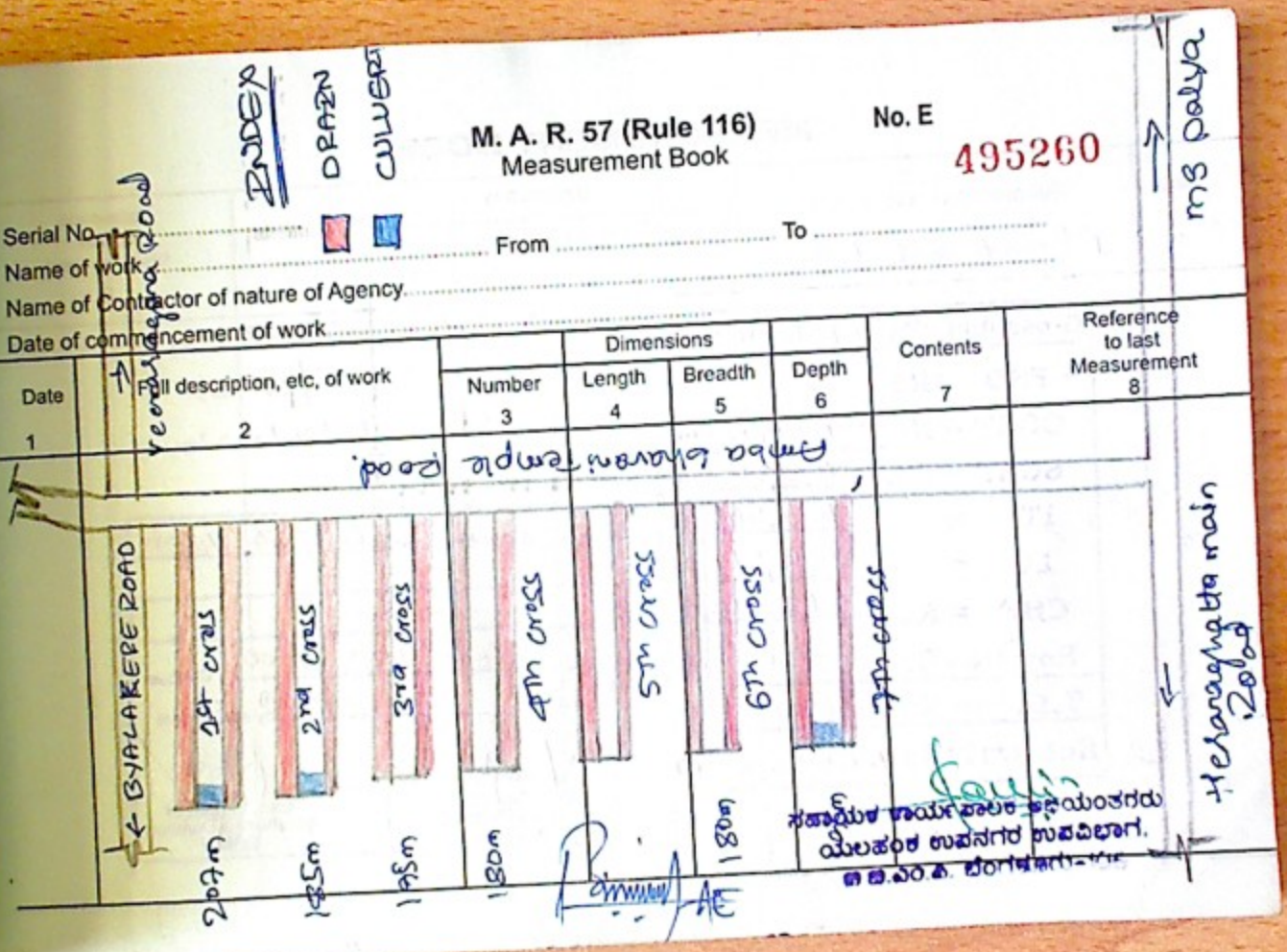
Serial No. ..... From ..... To .....

Name of work .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Number	Dimensions: Length	Dimensions: Breadth	Dimensions: Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8



AE

ಶಾಖಾಧಿಕಾರಿಗಳು ಪಾಲಿಕೆ ಕಛೇರಿಯಂತರಗರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-64

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions: Number	Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
	1st and part bill					Job code No: 003-22-000013 SBR No: 30/22-23 dt: 13/7/2022	

Gross Amt = Rs 4,72,54,148=00
FSD = Rs —
CGST = Rs 4,21,912=00
SGST = Rs 4,21,912=00
IT = 4,72,541=00
LC = 4,72,541=00
CBF = Rs 47,254=00
Royalty = Rs 8,32,125=00
T.D. = Rs 26,68,285=00
Net Amt = Rs 4,45,85,863=00

Audited & Admitted for Rs. 4,72,54,148=00
4,45,85,863=00 by Cheque
and Rs 26,68,285=00 by adjusement

Accts. Supdt.
Yelahanka Division
BBMP

Exe. Engineer
Yelahanka Division
BBMP

Serial No.
Name of work
Name of Contractor of nature
Date of commencement of wo

Date	Full description, e
1	2